

**DATE: 2023/11/23**

## **REF TEK 147A-01/3 Accelerometer**

**S/N: 23746**

**P/N: R-97499-00**

### NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

<b>Freq. (Hz)</b>	<b>Z-Axis (Vertical)</b>	<b>Y-Axis (North/South)</b>	<b>X-Axis (East/West)</b>
1.00	1.0004	1.0008	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9981	0.9991
30.00	0.9974	0.9957	0.9976
40.00	0.9955	0.9934	0.9959
50.00	0.9936	0.9916	0.9941
60.00	0.9918	0.9903	0.9925
70.00	0.9907	0.9900	0.9915
80.00	0.9906	0.9908	0.9915
90.00	0.9918	0.9931	0.9929
100.00	0.9947	0.9972	0.9960
120.00	1.0078	1.0127	1.0095
140.00	1.0338	1.0403	1.0351
160.00	1.0678	1.0728	1.0654

### SENSITIVITIES

	<b>Z-Axis (Vertical)</b>	<b>Y-Axis (North/South)</b>	<b>X-Axis (East/West)</b>
<b>Output Sensitivity (V/g)</b>	2.500	2.501	2.500
<b>Cross-axis Coupling (g/g)</b>	0.80%	0.56%	0.12%

\* g = 9.80 m/s<sup>2</sup>

Rev H (2020-04)